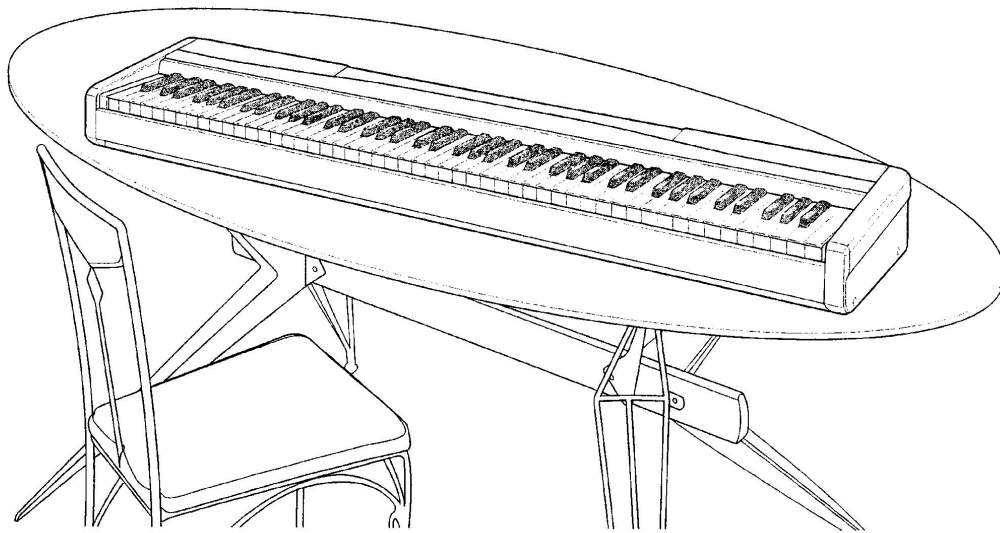


Privia

PX-400R PX-555R

USER'S GUIDE

Please keep all information for future reference.



Safety Precautions

Before trying to use the digital piano, be sure to read the separate "Safety Precautions".

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Important!

Please note the following important information before using this product.

- Before using the AD-12 Adaptor to power the unit, be sure to check the AC Adaptor for any damage first. Carefully check the power cord for breakage, cuts, exposed wire and other serious damage. Never let children use an AC adaptor that is seriously damaged.
- The product is not intended for children under 3 years.
- Use only CASIO AD-12 adaptor.
- The AC adaptor is not a toy.
- Be sure to disconnect the AC adaptor before cleaning the product.



CASIO Europe GmbH
Börnbarch 10, 22848 Norderstedt, Germany

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Rhythm List A-3

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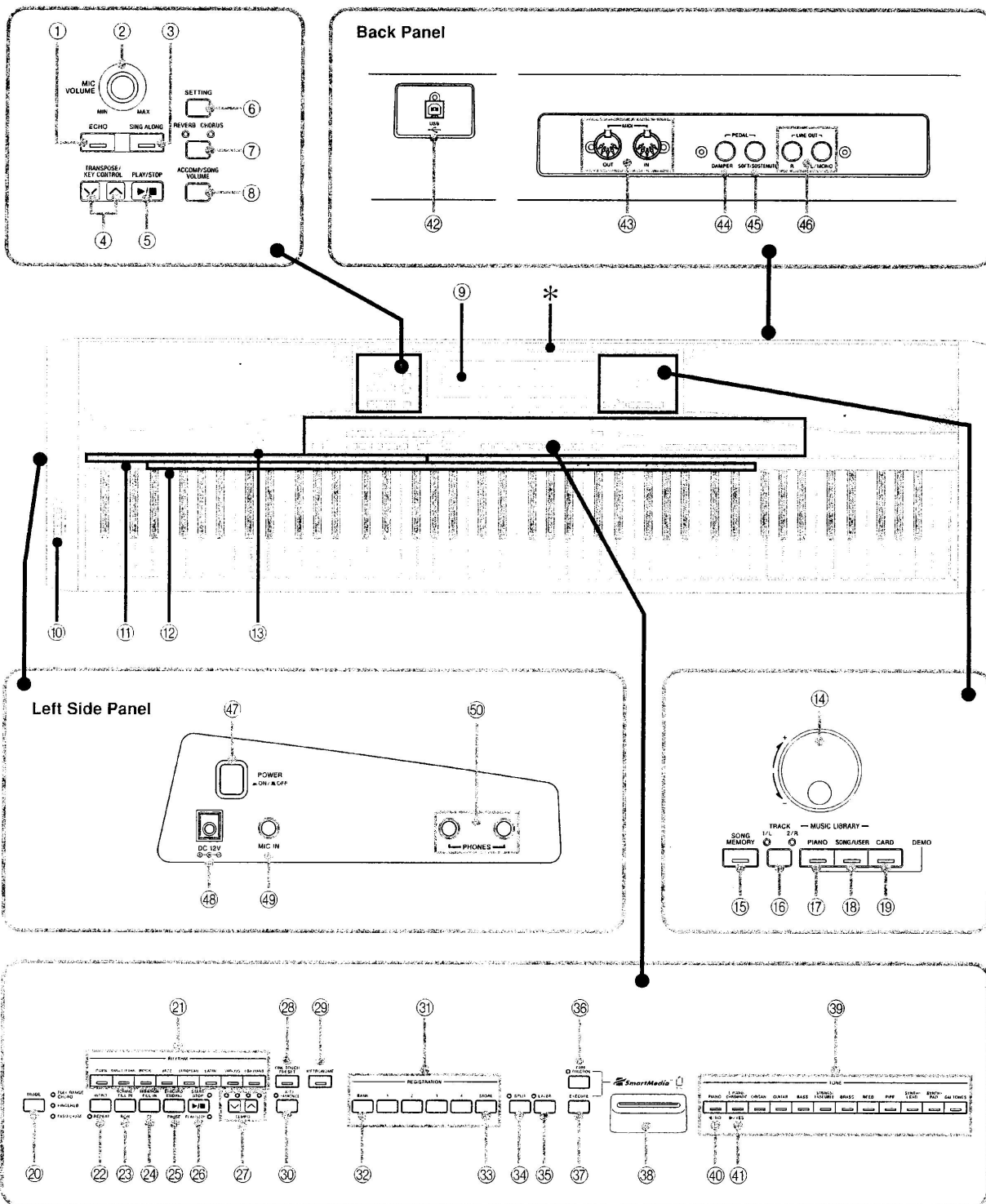
Fingered Chord Chart A-6

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MIDI Implementation Chart

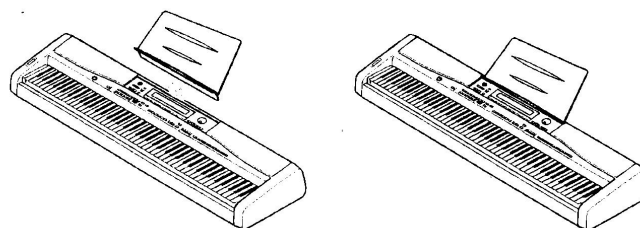
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General Guide



*Attachment of the Score Stand

Insert the score stand into the slot at the top of the digital piano as shown in the illustration.



- ① ECHO button
- ② MIC VOLUME knob
- ③ SING ALONG button
- ④ TRANSPOSE/KEY CONTROL buttons
- ⑤ <PLAY/STOP> button
- ⑥ SETTING button
- ⑦ REVERB CHORUS button
- ⑧ ACCOMP/SONG VOLUME button
- ⑨ Display screen
- ⑩ PITCH BEND wheel
- ⑪ CHORD root name
- ⑫ Percussion instrument list
- ⑬ MAIN VOLUME knob
- ⑭ Dial
- ⑮ SONG MEMORY button
- ⑯ TRACK 1/L 2/R button
- **MUSIC LIBRARY**
 - ⑰ PIANO button
 - ⑱ SONG/USER button
- ⑲ CARD button
- ⑳ MODE button
- ㉑ RHYTHM buttons
- ㉒ INTRO, REPEAT button
- ㉓ NORMAL/FILL-IN, REW button
- ㉔ VARIATION/FILL-IN, FF button
- ㉕ SYNCHRO/ENDING, PAUSE button
- ㉖ START/STOP, PLAY/STOP button
- ㉗ TEMPO buttons
- ㉘ ONE TOUCH PRESET button
- ㉙ METRONOME button
- ㉚ AUTO HARMONIZE button
- ㉛ REGISTRATION buttons
- ㉜ BANK button
- ㉝ STORE button
- ㉞ SPLIT button
- ㉟ LAYER button
- ㊱ CARD FUNCTION button
- ㊲ EXECUTE button
- ㊳ Card slot
- ㊴ TONE buttons
- ㊵ [◀] cursor/NO button
- ㊶ [▶] cursor/YES button

[Back panel]

- ㊷ USB port
- ㊸ MIDI OUT/IN terminals
- ㊹ PEDAL DAMPER jack
- ㊺ PEDAL SOFT/SOSTENUTO jack
- ㊻ LINE OUT R, L/MONO jacks

[Left side panel]

- ㊼ POWER button
- ㊽ DC 12V jack
- ㊾ MIC IN jack
- ㊿ PHONES jacks

NOTE

- Key, button, and other names are indicated in the text of this manual using bold type.
- This digital piano has two **PLAY/STOP** buttons. In this manual, the **PLAY/STOP** button that is located under the **SING ALONG** button is indicated as **<PLAY/STOP>**.
- Each chapter of this manual starts with an illustration of the digital piano's console, which shows the buttons and other controllers you need to operate.



Power Supply

You can power this digital piano by plugging it into a standard household power outlet.

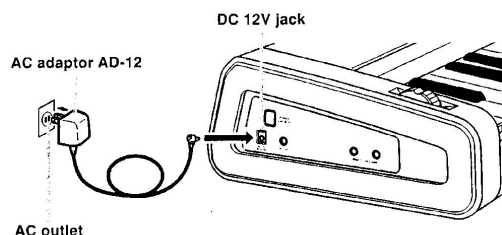
Be sure you turn off power and unplug the power cord from the electrical outlet whenever the digital piano is not in use.

Using the AC Adaptor

Make sure that you use only the AC adaptor specified for this digital piano.

Specified AC Adaptor: AD-12

[Left Side Panel]



IMPORTANT!

- Make sure that the product is turned off before connecting or disconnecting the AC adaptor.
- Using the AC adaptor for a long time can cause it to become warm to touch. This is normal and does not indicate malfunction.
- Do not pull on the AC adaptor cord with excessive force while it is connected to the digital piano. Doing so can damage the AC adaptor terminal.
- When storing the AC adaptor, do not wrap the cord around the adaptor. Doing so can damage cord connections.

Memory Protection

Certain settings and memory contents are retained even when the digital piano is turned off. This means that the data and settings will still be available when you turn the digital piano back on again. The following is a list of the major settings and memory contents that are retained.

- Song Memory Data
- Registration Memory Contents
- User Songs
- Display Contrast Setting
- Music Library Song Numbers

Connections

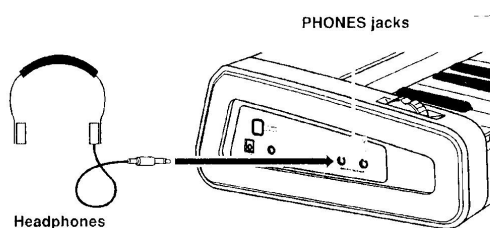
IMPORTANT!

- Whenever connecting external equipment, first set the **MAIN VOLUME** knob of the digital piano and the volume controller of the external equipment to relatively low volume settings. You can later adjust volume to the level you want after connections are complete.



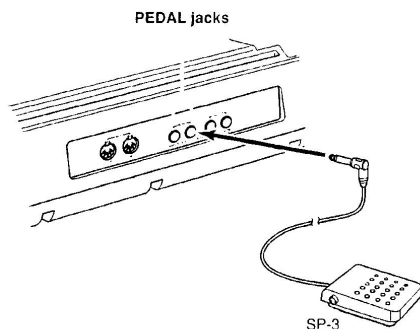
Connect commercially available headphones to the digital piano's **PHONES** jacks. This cuts off the built-in speakers, which means you can practice even late at night without disturbing others. To protect your hearing, make sure that you do not set the volume level too high when using headphones.

[Left Side Panel]



Depending on the type of operation you want the pedal (SP-3) to perform, connect the pedal's cable to the digital piano's **PEDAL DAMPER** jack or **PEDAL SOFT/SOSTENUTO** jack. If you want to use both jacks at the same time, you need to purchase another optionally available pedal. See "Using the Digital Piano's Pedals" on page E-9 for information about using a pedal.

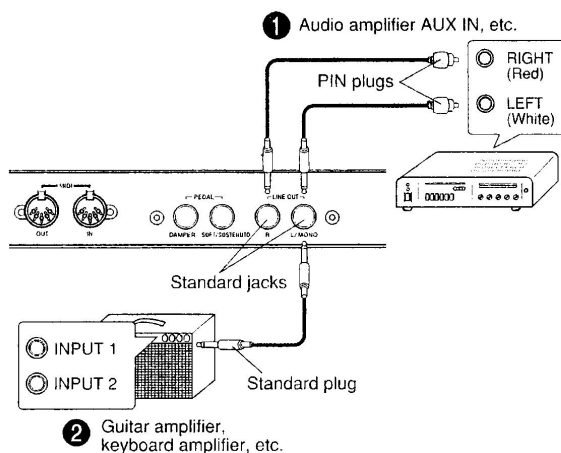
[Back Panel]



Connecting to an audio or musical instrument amplifier provides even clearer, more powerful sound through external speakers.

IMPORTANT!

- The digital piano automatically adjusts sound output to optimize for headphone output (when headphones are connected) or built-in speaker output (when headphones are not connected). Note that this feature also affects the sound output from the **LINE OUT R** and **L/MONO** jacks.



Connecting to Audio Equipment ①

Use commercially available cables to connect the external audio equipment to the digital piano's **LINE OUT** jacks as shown in Figure ①. **R** jack output is right channel sound, while **L/MONO** jack output is left channel sound. It is up to you to purchase connecting cables like the ones shown in the illustration for connection of audio equipment. Normally in this configuration you must set the audio equipment's input selector to the setting that specifies the terminal (such as **AUX IN**) to which the digital piano is connected. Use the digital piano's **MAIN VOLUME** knob to adjust the volume level.

Connecting to a Musical Instrument Amplifier ②

Use commercially available cables to connect the amplifier to the digital piano's **LINE OUT** jacks as shown in Figure ②. **R** jack output is right channel sound, while **L/MONO** jack output is left channel sound. Connecting to the **L/MONO** jack only outputs a mixture of both channels. It is up to you to purchase connecting cables like the ones shown in the illustration for connection of the amplifier. Use the digital piano's **MAIN VOLUME** knob to adjust the volume level.

Accessories and Options

Use only the accessories and options specified for this digital piano. Use of non-authorized items creates the danger of fire, electric shock, and personal injury.

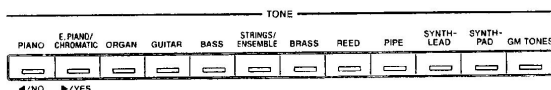
Selecting and Using Built-in Tones

Your digital piano has the following types of tones built in.

Panel Tones	120
GM Tones	128
Drum Sets	10

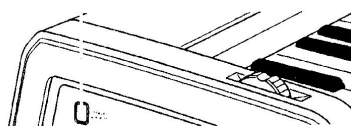
- See the Tone List on page A-1 for more information.

Panel tones are divided into 12 groups. You can select a group by pressing its **TONE** button on the digital piano control panel.



Press the **POWER** button.

POWER button



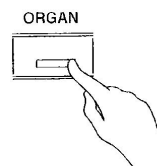
Use the **MAIN VOLUME** knob to adjust the volume level.

- Before playing, it is a good idea to set the volume to a relatively low level.

Press one of the 12 **TONE** buttons to select the tone group you want.

- For information about each tone group, see the tone list on page A-1.

Example: ORGAN



- Pressing a **TONE** button causes its indicator lamp to light.

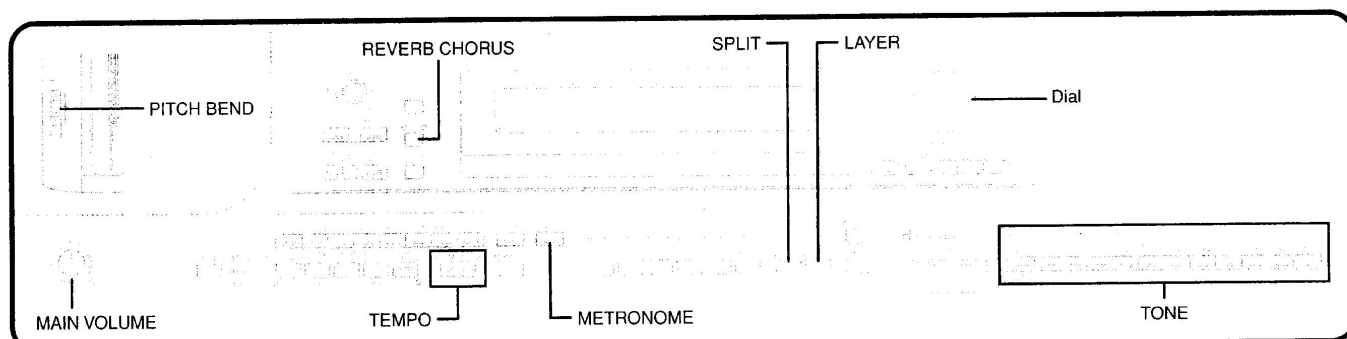
[000 : Drawbar Org 1]
Pop 1

Rotate the dial to select a tone in the current selected tone group.

- Rotating the dial scrolls through the names of the available tones on the display. Display the name of the tone you want to use.

Example: Jazz Organ

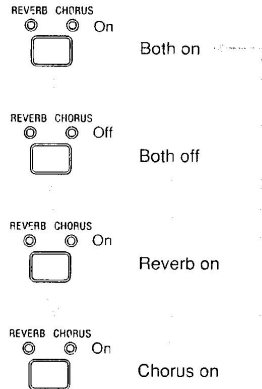
[006 : Jazz Organ]
Pop 1



Reverb: Makes your notes resonate
Chorus: Adds more breadth to your notes

Press the **REVERB CHORUS** button to cycle through the effect settings as shown below.

- You can find out the current effect setting by looking at the REVERB and CHORUS indicator lamps.



After turning on the effect you want, use the dial to select the effect type you want.

- Note that you need to select an effect type with the dial within a few seconds after turning on an effect. If you don't, the display will exit the setting screen.

Effect List

Reverb	Room 1
	Room 2
	Hall 1
	Hall 2
Chorus	Chorus 1
	Chorus 2
	Chorus 3
	Chorus 4

Reverb Type:
[Room 1]

Chorus Type:
[Chorus 1]

Use the following procedure to layer two tones, so they sound at the same time.

Use the procedure under "Selecting a Tone" on page E-6 to select the main tone.

Example: To select Grand Piano, press the **PIANO** button, and then rotate the dial until "Grand Piano" is displayed as the tone name.

Press the **LAYER** button.

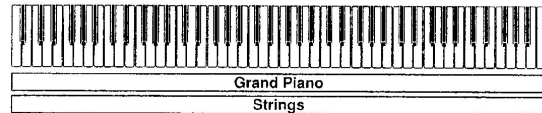
- This causes the LAYER indicator lamp to light.

Select the layered tone.

Example: To select Strings

[000: Strings
Pops 1]

- This will cause the indicator lamp of the layered tone (the second one you selected) to light.
- Now you can play using your layered tones.

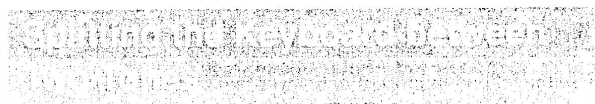


After you are finished using the layered tones, press the **LAYER** button again to unlayer them.

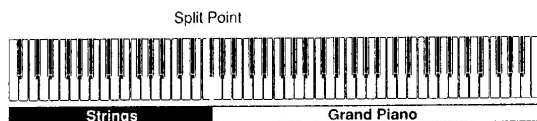
Adjusting the Volume of the Layered Tone

You can independently adjust the volume of the layered tone (the second one you select). See page E-26 for more information.

Selecting and Using Built-in Tones



You can assign different tones to keys on the left side and the right side of the keyboard.



Use the procedure under "Selecting a Tone" to select the tone you want to assign to the right side of the keyboard.

Example: To select Grand Piano, press the **PIANO** button, and then rotate the dial until "Grand Piano" is displayed as the tone name.

Press the **SPLIT** button.

- This causes the SPLIT indicator lamp to light.

Select the tone you want to assign to the left side of the keyboard.

Example: Strings

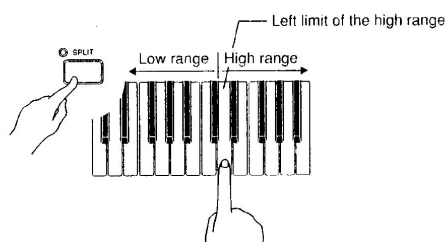
- Now you can play using the two tones.

After you are finished using the split keyboard, press the **SPLIT** button again to unsplit it.

- This causes the SPLIT indicator lamp to go out.

To specify the keyboard split point

While holding down the **SPLIT** button, press the keyboard key where you want the left limit of the high range (right) tone to be.



- A note does not sound when you press a keyboard key at this time.

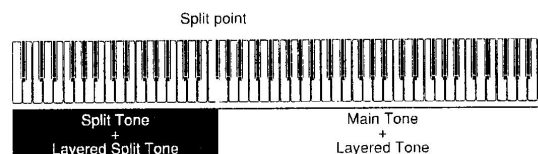
Split Point:
F # 3

NOTE

- The split point is the boundary between the Auto Accompaniment area (pages E-11, E-12) and the melody area of the keyboard. You can change the location of the split point, which also changes the sizes of the keyboard areas.



You can use the following procedure to layer two tones on the left side of the keyboard (left main tone + left layered tone), and two other tones on the right side (right main tone + right layered tone).



Use the procedure under "Selecting a Tone" to select the right main tone.

Use the procedure under "Splitting the Keyboard between Two Tones" to select the left main tone.

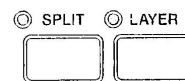


Press the **SPLIT** button to temporarily turn off split (SPLIT indicator lamp unlit).

Use the procedure under "Layering Two Tones" to select the left layered tone.



Press the **LAYER** and **SPLIT** buttons as required so the indicators of both buttons are lit.



Use the procedure under "Layering Two Tones" to select the right layered tone.

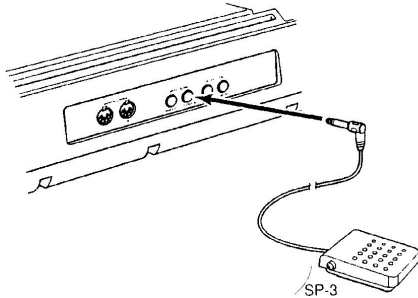
Use the procedure under "To specify the keyboard split point" to specify the split point.

Now you can play using your layered tones and split keyboard.

- After you are finished using layer and split, press the **LAYER** button to unlayer it and the **SPLIT** button to unsplit it.

Using the PEDAL SOFT/SOSTENUTO Jack

The digital piano is equipped with two pedal jacks, one for a damper pedal and one for a soft/sostenuto pedal. You can use the procedure below to specify the type of operation that should be performed by the pedal connected to the **PEDAL SOFT/SOSTENUTO** jack.



Pedal Types

● Damper Pedal

Pressing the pedal connected to the **DAMPER** jack while playing notes causes the notes to sustain until you release the pedal.

● Soft Pedal

While the **SOFT** pedal is depressed, the volume of notes played on the keyboard is reduced slightly, producing a softer sound. Only notes that are played after the pedal is depressed are affected, while previously played notes are not.

● Sostenuto Pedal

Like the **DAMPER** pedal, pressing the **SOSTENUTO** pedal causes notes to continue to sustain until you release the pedal. The difference is the timing when the effect is applied. With the sostenuto pedal you play the notes and then depress the pedal before releasing the keyboard keys. Only the notes whose keyboard keys are depressed when the sostenuto pedal is pressed are affected.

Selecting the PEDAL SOFT/SOSTENUTO jack Pedal Function

The initial power on setting of the **PEDAL SOFT/SOSTENUTO** jack is for soft pedal operation. See "Other Settings" on page E-26 for information about changing to sostenuto pedal operation.

Using the PITCH BEND Wheel

Rotating the **PITCH BEND** wheel causes the pitch of notes to bend. This lets you add realistic effects to saxophone, electric guitar, and other tones.

While playing a note on the keyboard, rotate the **PITCH BEND** wheel on the left of the keyboard upwards or downwards.

- Releasing the **PITCH BEND** wheel will cause the pitch to return to its normal setting automatically.

Using the METRONOME

Press the **METRONOME** button.

- This starts the metronome.

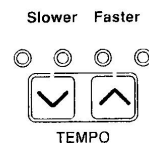
Rotate the dial to select the number of beats per measure.

- Note that you need to select the number of beats per measure with the dial within a few seconds after turning on the metronome. If you don't, the display will exit the setting screen.

Metronome Beat:
[0]

- You can select a value in the range of 2 through 6. With each setting, a chime sounds as the first beat of each measure, and the remaining beats sound as clicks. Specifying 0 as the setting plays a straight click, without any chime. This setting lets you practice with a steady beat.

Use the **TEMPO** buttons to adjust the tempo.



NOTE

- You can also use the dial to change the tempo setting while the current setting is indicated by a value in brackets ([]) on the display.
Example: [T:120]
- The value indicates the number of beats per minutes.
- To return the tempo to its initial default setting, press the **TEMPO** ^ and v buttons at the same time.

To stop the metronome, press the **METRONOME** button again.

Playing a Rhythm

You can select from among 120 built-in rhythms. See the Rhythm List on page A-3 for more information.

NOTE

- FOR PIANO group rhythms 10 through 19 consist of chord accompaniments only, without any drums or other percussion instruments. These rhythms do not sound unless CASIO CHORD, FINGERED, or FULL RANGE CHORD is selected as the accompaniment mode. With such rhythms, make sure that CASIO CHORD, FINGERED, or FULL RANGE CHORD is selected before you try playing chords.
- Note that there are two different patterns for each rhythm, named "normal" and "variation". Buttons are available for selecting either the normal pattern or variation pattern.

Rhythms are divided into 8 groups. You can select a group by pressing its **RHYTHM** button on the digital piano control panel.



Press one of the eight **RHYTHM** buttons to select the rhythm group you want.

- For a complete list of the rhythms available in each group, see the Rhythm List on page A-3.

Example: JAZZ



- This causes the indicator lamp of the button to light.

Grand Piano
[00: Big Band 1]

Rotate the dial to select a rhythm in the current selected rhythm group.

- Rotating the dial scrolls through the names of the available rhythms on the display. Display the name of the rhythm you want to use.

Example: Swing

Grand Piano
[03: Swing]

Press the **START/STOP** button to start play of the selected rhythm's normal pattern.

If you want to change to the variation rhythm pattern, press the **VARIATION/FILL-IN** button.

- To return to the normal rhythm pattern, press the **NORMAL/FILL-IN** button.

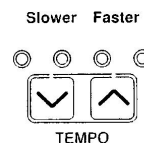
To stop the rhythm, press the **START/STOP** button again.

NOTE

- You can also start rhythm play by pressing the **NORMAL/FILL-IN** button (plays the normal pattern) or **VARIATION/FILL-IN** button (plays the variation pattern).

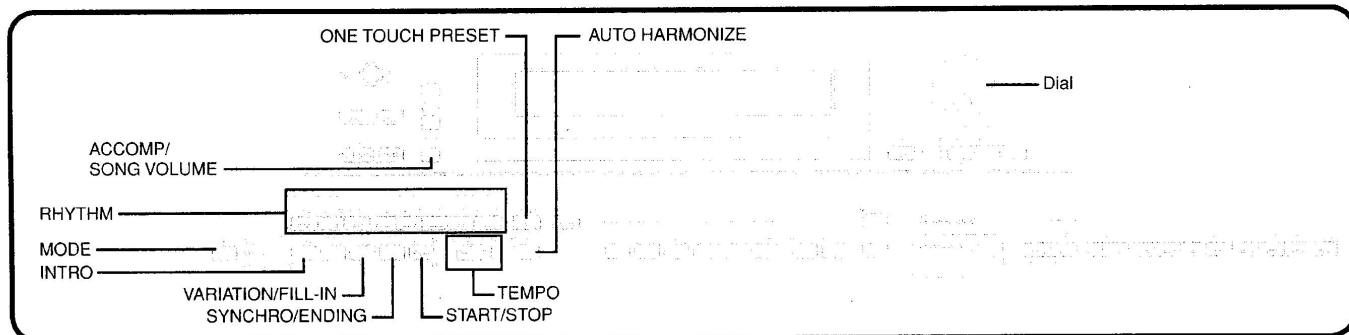
To adjust the tempo of rhythm play

Use the **TEMPO** buttons to adjust the tempo of rhythm play.



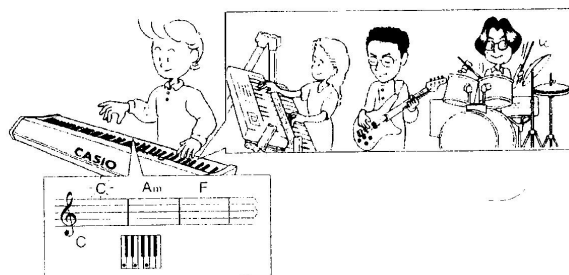
NOTE

- You can also use the dial to change the tempo setting while the current setting is indicated by a value in brackets ([]) on the display.
Example: [T:120]
- The value indicates the number of beats per minutes.
- To return the selected rhythm to its standard tempo setting, press the **TEMPO** ^ and v buttons at the same time.



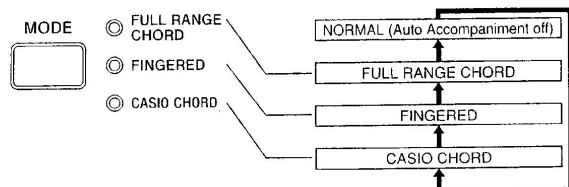


With Auto Accompaniment, the digital piano automatically plays rhythm, bass, and chord parts in accordance with chords you select using simplified keyboard fingerings, or chords you play. Auto Accompaniment makes it feel like you have your own private backup group with you all the time.



Using the MODE Button

You can use the **MODE** button to select the accompaniment mode you want to use. You can also use it to turn off Auto Accompaniment. Each press of the **MODE** button cycles through accompaniment modes in the sequence shown below.



- In the **NORMAL** mode (no indicator lamp lit), only rhythm accompaniment plays.
- The **FULL RANGE CHORD**, **FINGERED**, and **CASIO CHORD** modes all play Auto Accompaniment patterns. See page E-11 for details about each of these different modes.

To play with Auto Accompaniment

Getting Ready

- Use the procedures under "Playing a Rhythm" to select the rhythm you want to use and adjust the tempo.

Use the **MODE** button to select **CASIO CHORD**, **FINGERED**, or **FULL RANGE CHORD** as the accompaniment mode.

- Here we will select the **CASIO CHORD** mode.
- See page E-11 for information about selecting the accompaniment mode.

Press the **SYNCHRO/ENDING** button.

- This configures the digital piano so rhythm and chord accompaniment will start automatically when you press any keys within the accompaniment keyboard range.

Press the **INTRO** button.

Use a **CASIO CHORD** fingering to play the first chord within the accompaniment keyboard range.

- See "How to Play Chords" on this page for information about how to finger chords with the different chord modes.
- Playing a chord will cause the intro pattern for the selected rhythm to play, followed by the Auto Accompaniment rhythm and chord pattern.

Use **CASIO CHORD** fingerings to play other chords.

- You can insert a fill-in pattern while an Auto Accompaniment is playing by pressing the **NORMAL/FILL-IN** button. A fill-in helps to change the mood of the Auto Accompaniment pattern.
- If you want to change to the variation rhythm pattern, press the **VARIATION/FILL-IN** button. To return to the normal rhythm pattern, press the **NORMAL/FILL-IN** button.

To stop Auto Accompaniment play, press the **SYNCHRO/ENDING** button.

- This will play an ending pattern for the selected rhythm before stopping Auto Accompaniment play.

NOTE

- You can start or stop auto accompaniment play without an intro or ending pattern by pressing the **START/STOP** button in steps 3 and 6.

How to Play Chords

The way you finger chords depends on the current chord mode.

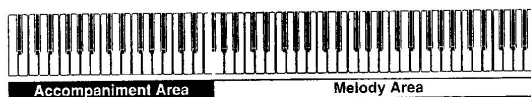
■ NORMAL

In this mode, Auto Accompaniment is turned off, so you can play chords as you would normally do on a piano keyboard.

■ CASIO CHORD

Even if you do not know how to play chords normally, this mode lets you play four different types of chords using simplified fingerings in the accompaniment area of the keyboard. The following shows where the accompaniment area is located, and explains how to finger chords in the **CASIO CHORD** mode.

CASIO CHORD Mode Keyboard



IMPORTANT!

- In the **CASIO CHORD** mode, the keys in the accompaniment area of the keyboard operate as "chord switches" only. You cannot use the keys in this area to play notes.

Chord Type	Example
Major Chords Pressing a single accompaniment area key in the CASIO CHORD mode will play the major chord whose name is marked above the key. All of the accompaniment area keys that are marked with the same chord name play exactly the same chord.	C (C major)
Minor Chords To play a minor chord, press the accompaniment area key that corresponds to the major chord, while also pressing one other accompaniment area key to the right.	Cm (C minor)
Seventh Chords To play a seventh chord, press the accompaniment area key that corresponds to the major chord, while also pressing two other accompaniment area keys to the right.	C7 (C 7th)
Minor Seventh Chords To play a minor seventh chord, press the accompaniment area key that corresponds to the major chord, while also pressing three other accompaniment area keys to the right.	Cm7 (C minor 7th)

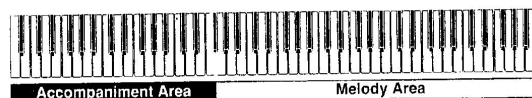
NOTE

- When playing a minor, seventh, or minor seventh chord, it makes no different whether the additional keys you press are black or white.

FINGERED

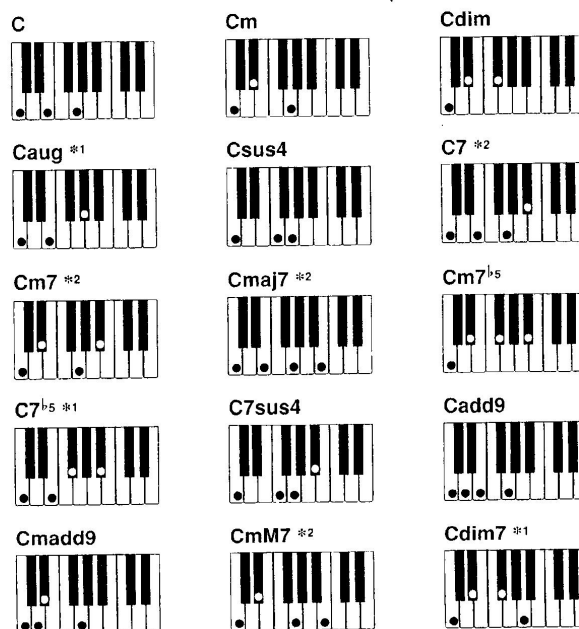
In the FINGERED mode, you play standard chord fingerings in the accompaniment area to play chords. To finger a C chord, for example, you would press the C-E-G keys.

FINGERED Mode Keyboard



IMPORTANT!

- In the FINGERED mode, the keys in the accompaniment area of the keyboard operate as "chord switches" only. You cannot use the keys in this area to play notes.



NOTE

- See the "Fingered Chord Chart" on page A-6 for information about fingering chords with other roots in the accompaniment area.

- *1: Inverted fingerings are not supported for these chords. The lowest note fingered is used as the root. See the **NOTE** below for more information about inverted chords.
- *2: For these chords, the same chord is specified even if the G fifth is not fingered.

NOTE

- Except for the chords whose names have *1 after them in the above examples, you can also use inverted fingerings for chords. This means, for example, that you could use the fingering E-G-C or G-C-E instead of C-E-G for C major.
- Except for the chords whose names have *2 after them in the above examples, you need to press all of the indicated keys in order to finger a chord. Failure to include even a single note may produce a chord that is different from the one you want.

■ FULL RANGE CHORD

The FULL RANGE CHORD mode lets you play a total of 38 different types of chords (the same chords available in the FINGERED mode plus 23 more). FULL RANGE CHORD recognizes the pressing of three or more keyboard keys anywhere on the keyboard as a chord fingering. Anything else (pressing one or two keys, or playing any group of notes that does not form a chord fingering that is recognized by the keyboard) is treated as melody notes.

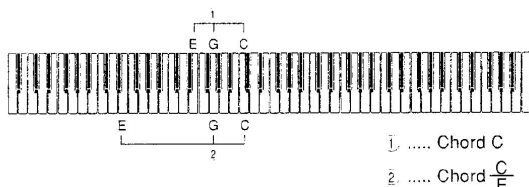
FULL RANGE CHORD Mode Keyboard



Recognized Chords

Pattern Type	Number of Chord Variations
FINGERED	The 15 chord patterns shown under "FINGERED" on page E-12.
Standard Fingerings	<p>23 standard chord fingerings. The following are examples of the 23 chords available with C as the bass note.</p> <p>C₆ • Cm₆ • C₆₉</p> <p>D⁺ C D E F G A^b B^b</p> <p>B C D^{bm} Dm Fm Gm Am B^{bm}</p> <p>Ddim A^b7 F7 Fm7 Gm7 A^badd9</p>

Example: To play the chord C major and $\frac{C}{E}$.



NOTE

- When there are at least six semitones between the lowest note and the next note to the right, the lowest note is assumed to be the bass note.
- Note that the digital piano's built-in tunes (Piano Group tunes and Song Group Tunes) use rhythms, accompaniments, and effects that are not available with Auto Accompaniment. Because of this, you may not be able to perform a piece exactly like a built-in tune when using Auto Accompaniment.

Use the procedures below to adjust the volume of the accompaniment, built-in tune playback, and memory card tune playback. These settings are independent of the volume setting for the notes you play on the keyboard. You can specify volume levels in the range of 000 (minimum) to 127 (maximum).

Press the **ACCOMP/SONG VOLUME** button.

If the RHYTHM button indicator lamp is lit

Accomp Volume :
[1 2 7]

If the PIANO, SONG/USER, or CARD button indicator lamp is lit

Song Volume :
[1 2 7]

Use the dial to adjust the volume level.

When you turn on Auto Harmonize in the FINGERED or CASIO CHORD accompaniment mode, the keyboard automatically adds one of the notes that make up the current chord to each melody note you play. This adds more depth to your melody line.

To play with Auto Harmonize

Use the **MODE** button to select the CASIO CHORD or FINGERED mode. This turns on Auto Accompaniment.

Press the **AUTO HARMONIZE** button.

- This causes the AUTO HARMONIZE indicator lamp to light, indicating that Auto Harmonize is turned on.

Use the dial to select the Auto Harmonize type you want to use.

- Note that you need to select the Auto Harmonize type with the dial within a few seconds after turning on the Auto Harmonize. If you don't, the display will exit the setting screen.
- See "Auto Harmonize Types" on page E-14 for more information about Auto Harmonize types.

Auto Harmonize Type :
[Duet 1]

Start Auto Accompaniment play, and play something in the melody area of the keyboard.

- Harmonize notes are added automatically to the melody notes you play.

To turn off Auto Harmonize, press the **AUTO HARMONIZE** button again.

- This causes the AUTO HARMONIZE indicator lamp to go out.

NOTE

- Auto Harmonize is available in the FINGERED and CASIO CHORD accompaniment modes only.
- Auto Harmonize is disabled and cannot be used while playing back a tune from the Music Library or a memory card.

Auto Harmonize Types

Auto Harmonize lets you select from among the following 12 Auto Harmonize types.

Type	Effect
Duet1	Adds close (separated by 3 to 5 degrees) 1-note harmony below the melody note.
Duet2	Adds open (separated by more than 4 to 7 degrees) 1-note harmony below the melody note. Duet2 harmony is more open than Duet1.
Country	Adds country style harmony.
Octave	Adds the note from the next lower octave.
5th	Adds the fifth degree note.
3-Way Open	Adds 2-note open harmony, for a total of three notes.
3-Way Close	Adds 2-note close harmony, for a total of three notes.
Strings	Adds harmony that is optimal for strings.
4-Way Open	Adds 3-note open harmony, for a total of four notes.
4-Way Close	Adds 3-note close harmony, for a total of four notes.
Block	Adds block chord notes.
Big Band	Adds big band style harmony.

Using One-Touch Preset

With One-Touch Preset, the digital piano automatically configures optimal tone, tempo, and other settings in accordance with the rhythm pattern you select.

The following are the One-Touch Preset settings that are configured for each rhythm pattern.

- Keyboard tone and volume level
- Layer and split on/off settings
- Layer and split tone and volume settings (when layer and split are turned on)
- Tempo setting
- Effect settings
- Auto Harmonize (type, on/off settings)

To apply One-Touch Preset settings

Select the rhythm you want to use.

Use the **MODE** button to select the accompaniment mode you want to use.

Press the **ONE TOUCH PRESET** button.

- This will automatically apply the One-Touch Preset settings in accordance with the rhythm pattern you selected, and enter synchro standby.

Play a chord within the accompaniment keyboard range.

- When you do, the rhythm and Auto Accompaniment will start to play.
- The notes will sound in accordance with the settings of the One-Touch Preset.

Using Registration Memory

Registration memory lets you save up to 16 (4 areas × 4 banks) digital piano setups (tone, rhythm, tempo, etc.) for instant recall whenever you need them.

Registration Memory Setup Data

The following are the settings that can be saved for each registration memory setup.

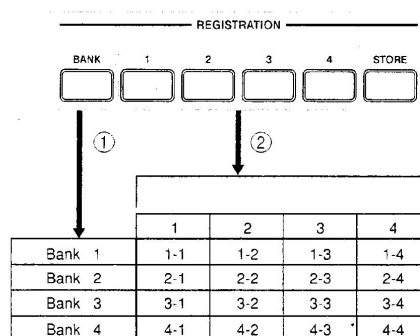
- Tone
- Rhythm
- Tempo
- Layer Setting
- Split Setting
- Split point
- Auto Harmonize Setting
- Effect setting
- MODE button setting

NOTE

- All of the registration memory banks are preset with default data.
- You cannot recall data from registration memory while playing back a tune from Music Library or a memory card.

How registration memory organizes its data

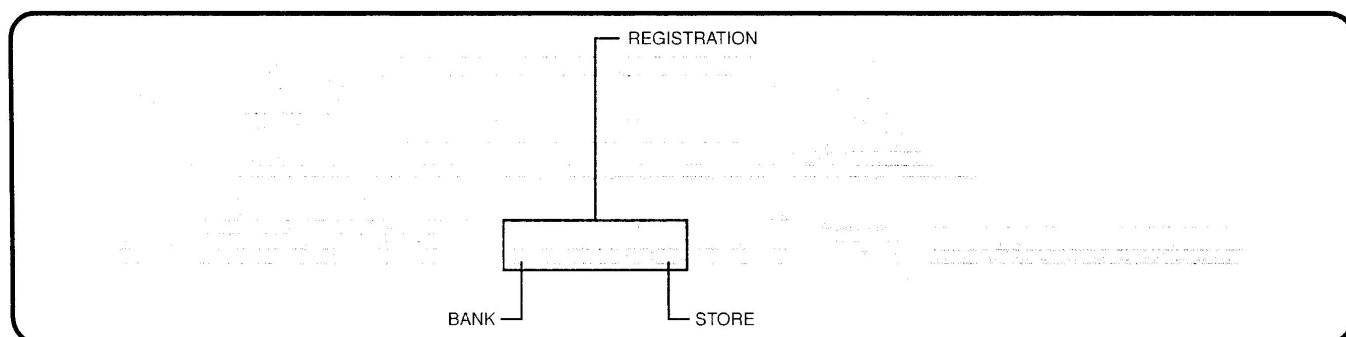
Registration memory has four banks, and each bank contains four areas. Use the **BANK** button to select a bank, and the **REGISTRATION** buttons to select an area.



- ① Each press of the **BANK** button cycles through the bank numbers, from 1 to 4.
- ② Pressing a **REGISTRATION** button (1 to 4) selects the corresponding area in the currently selected bank.

NOTE

- Storing a new setup to a registration memory area replaces the setup that was previous stored there.
- You can save registration memory setup data to a memory card, if you want. See "Using a Memory Card" on page E-29 for more information.



To store a setup in registration memory

On the digital piano, configure the tone, rhythm, and other settings you want to save as your setup.

- See "Registration Memory Setup Data" (page E-15) for more information.

Use the **BANK** button to select the registration memory bank where you want to save the setup.

- This causes the number of the selected bank to appear on the display for about five seconds. If you do not perform the following step within that time, the bank selection screen will disappear.

Example: Bank 1 selected

Bank
1

WARNING

- The following step will replace the setup currently in the area you select with the new setup. Make sure you do not need the current setup before performing the next step.

While holding down the **STORE** button, press the **REGISTRATION** button (1 to 4) that corresponds to the area where you want to store the setup.

- You can also change the bank selection at this time by pressing the **BANK** button while holding down the **STORE** button.

Example: After button 2 is pressed

Store Bank Area
 1 - 2

Release the **REGISTRATION** and **STORE** buttons.

To recall a setup from registration memory

Use the **BANK** button to select the registration memory bank that contains the setup you want to recall.

- This causes the number of the selected bank to appear on the display for about five seconds. If you do not perform the following step within that time, the bank selection screen will disappear.

Bank
1

Press the **REGISTRATION** button (1 to 4) for the area that contains setup you want to recall.

- This displays the number of the area you selected along with the message "Recall". After that, the tone or rhythm screen reappears.

Recall Bank Area
 1 - 2

NOTE

- If you press a **REGISTRATION** button without selecting a bank first, the digital piano will recall the setup from the applicable area in the bank you previously last selected.

Registration memory contents are retained even when you turn off digital piano power (page E-4, A-7).

Playing Back Built-in Tunes

Your digital piano comes with a total of 80 tunes built in. You can play back built-in tunes for your own listening pleasure, or you can use them for practice and even sing-along. Built-in tunes are divided between the two groups described below.

- Piano Group: 50 tunes
The tunes in this group are piano tunes.
- Song Group: 30 tunes
The tunes in this group are Auto Accompaniment tunes. You can connect a microphone to the digital piano and use the sing along mode to sing along with the built-in tunes.

In addition to the built-in tunes, you can also sing along with tunes you download over the Internet, and SMF data tunes (page E-19) on memory cards.



Page A-4 shows a Piano Group List, which lists all of the tunes included in the Piano Group.

Getting Ready

- Use the **ACCOMP/SONG VOLUME** button (page E-13) to adjust the volume level.

Press the **PIANO** button to select the Piano Group.

- This causes the **PIANO** button indicator lamp to light.

NOTE

- Pressing the **PIANO** button automatically turns off layer and split.

Rotate the dial to select the tune you want.

Example: 46 Amazing Grace

Grand Piano T=064
[46: Amazing Grace]

Press the **PLAY/STOP** button to start playback of the tune.

When you want to stop playback, press the **PLAY/STOP** button again.

- The same tune plays repeatedly until you stop it.



Page A-4 shows a Song Group List, which lists all of the tunes included in the Song Group.

Getting Ready

- Use the **ACCOMP/SONG VOLUME** button (page E-13) to adjust the volume level.

Press the **SONG/USER** button to enter the song mode.

- This causes the **SONG/USER** button indicator lamp to light.

Rotate the dial to select the tune you want.

Example: 28 Sakura Sakura

GM Syn-Voice T=074
[28: Sakura Sakura]

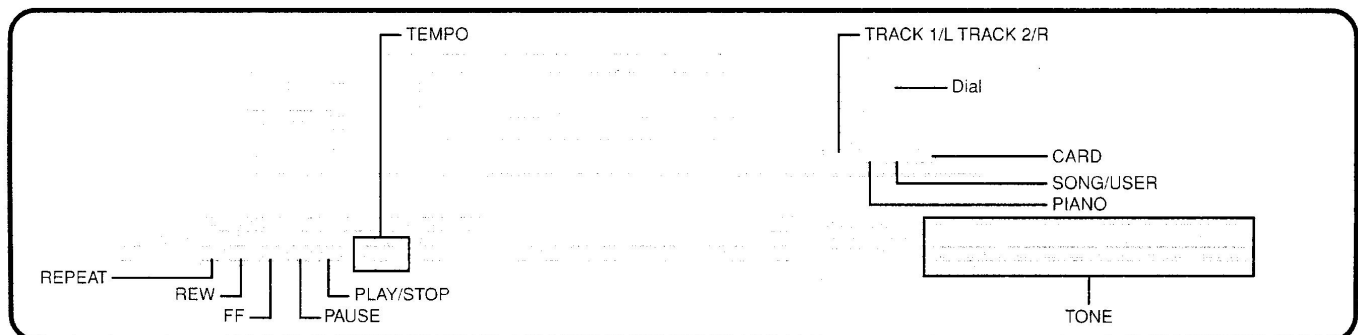
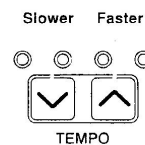
Press the **PLAY/STOP** button to start Auto Accompaniment.

When you want to stop Auto Accompaniment play, press the **PLAY/STOP** button again.

- The same tune plays repeatedly until you stop it.



Use the **TEMPO** buttons to adjust the tempo.



Playing Back Built-in Tunes

NOTE

- You can also use the dial to change the tempo setting while the current setting is indicated by a value in brackets ([]) on the display.
Example: [T:120]
- The value indicates the number of beats per minutes.
- To return the tempo to its initial default setting, press the **TEMPO** \wedge and \vee buttons at the same time.
- At their initial default tempo setting, some Piano Group tunes may change tempo part way through. After you change the tempo setting for such a tune, playback will proceed at the tempo you selected, from the beginning of the tune to the end.

While a tune is playing, press the **PAUSE** button.

- This pauses playback.

Press the **PAUSE** button again to restart playback from the location where it was paused.

While playback is in progress, hold down the **REW** button.

- This skips back through the tune measure-by-measure.
- The measure number and beat number appear on the display while you are skipping back.

0 0 6 : 1

Measure number Beat number

When you reach the point you want, release the **REW** button to resume playback.

NOTE

- Depending on what is being played when you press the **REW** button, the skip back operation may not start right away when you press it.

While playback is in progress, hold down the **FF** button.

- This skips forward through the tune measure-by-measure.
- The measure number and beat number appear on the display while you are skipping forward.

0 0 3 : 1

Measure number Beat number

When you reach the point you want, release the **FF** button to resume playback.

You can select one or more measures and “loop” them, which means that they play again and again until you stop playback.

While the tune is playing, press the **REPEAT** button while the measure you want the phrase to start from is playing.

- This causes the REPEAT indicator lamp to flash.

When playback reaches the measure you want to specify as the end of the loop, press the **REPEAT** button again.

- This starts repeat play of the loop.
- To cancel repeat play of a loop, press the **REPEAT** button again so its indicator goes out.

You can select any one of the digital piano's 248 built-in tones as the melody tone of a built-in tune. You can even change the melody tone setting while playback is in progress.

Press a **TONE** button.

Use the dial to select the tone you want.

NOTE

- You can return a tune to its preset default tone by selecting the tune again.